

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE Aug. 27, 1979

Operator El Paso Natural Gas Company		Lease Atlantic #16	
Location SE 24-31-10		County San Juan	State New Mexico
Formation Pictured Cliff		Pool Blanco	
Casing: Diameter 2 7/8	Set At: Feet 3525	Tubing: Diameter T/C	Set At: Feet -----
Pay Zone: From 3391	To 3450	Total Depth: 3525	Shut In 8-20-79
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 603	+ 12 = PSIA 615	Days Shut-In 7	Shut-In Pressure, Tubing PSIG -----	+ 12 = PSIA -----	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P _w PSIG	+ 12 = PSIA	
Temperature: T = °F F _t =	n =		F _{pv} (From Tables)	Gravity F _g =	

$$\text{CHOKE VOLUME} = Q = C \times P_t \times F_t \times F_g \times F_{pv}$$

Q =

= _____ MCF/D

$$\text{OPEN FLOW} = Aof = Q \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

$$Aof = Q \left(\frac{\quad}{\quad} \right)^n =$$

Aof = _____ MCF/D

TESTED BY John Thurstonson

WITNESSED BY _____

H. E. McAnally
Well Test Engineer